

## 211-R-415 CRUSHED GLASS AS BEDDING MATERIAL

*(Adopted 09-01-05)***Description**

This work shall consist of using 100% crushed glass as bedding material beneath pipes and storm sewers in accordance with 105.03. Adherence to the provisions herein does not preclude applicability of local, state, or federal regulations and laws.

**Materials**

The source shall be recycled glass beverage and food containers that have been processed by equipment specifically designed to crush glass into aggregate. The resultant material shall be relatively free of bottle caps, labeling paper, clay balls, and other unsuitable materials. The crushed glass shall be in accordance with the following gradations.

Sieve	% Fines
1/2 in. (12.5 mm)	85 - 100
#4 (4.76 mm)	45 - 85
#10 (2 mm)	25 - 70
#40 (0.425 mm)	10 - 30
#200 (0.075 mm)	0 - 10

Crushed glass shall be Type III or Type IV per IDEM's restricted waste typing criteria.

The source shall be approved by the Department's Environmental Services Section. Sampling in accordance with AASHTO T 2, sieve analyses in accordance with AASHTO T 11 & 27, and standard proctor test in accordance with AASHTO T 99 shall be performed by a Department approved laboratory and test results submitted to the Department's Materials and Tests Division for approval at least three days prior to use.

**Method of Construction**

Construction shall be in accordance with 200 and 700.

**Method of Measurement**

The method of measurement will be in accordance with 211.

**Basis of Payment**

Payment will be in accordance with 211.